CS 6314 – Final Project – Required Functionalities

User signup: Register a new user to the system

Form validation: Check if all mandatory fields are filled out

Check if password is strong enough. Define the rules of having a strong password. User passwords should be hashed, and only encrypted version of passwords should be stored in the database

User login

List all properties in the system

Users will “filter” properties based on a city and/or property type

Users will add properties to their favorites list

Users will access their favorites list

Users will remove properties from their favorites list

Users will be able to rate a given property

They will enter their feedback/comments as they rate the property

Users will be able to sign-up for a host account (Become a host)

Hosts will add properties to the system

For adding a property, they should be able to upload picture(s)

Hosts will update property details (description, amenities, price, cleaning fee etc.)

Hosts will delete properties from the system (soft delete: mark them as unavailable)

Users will make reservations. For making a reservation, availability of the property should be checked

For users, reservations (both past and future) will be listed along with reservation dates

Users will be able to cancel the reservation if it is before 48 hours before reservation date/time